

IN THE CLAIMS

Please amend the claims as follows:

1-28. (Canceled)

29. (New) A computer implemented method for controlling a first component, said computer implemented method comprising the steps of:

specifying a maximum value for a first measurement parameter within in said computer;
specifying a minimum value for said first measurement parameter within said computer;
determining a value for said first measurement parameter between said specified
maximum and minimum value;

periodically determining if a current value of said first measurement parameter is greater
than or less than a previously determined value for said first measurement parameter;

specifying a maximum value for a said second control parameter within said computer;
specifying a minimum value for a said second control parameter within said computer;
determining a current value for said second control parameter;

periodically adjusting a current value for said second control parameter in response to
variations between a current value for said first said measurement parameter and a previously
determined value for said first measurement parameter; and

controlling said first component utilizing said adjusted second control parameter.

30. (New) The computer implemented method for controlling a first component according to Claim 29 further including the step of initializing a value for said first measurement parameter between said specified maximum and minimum values.

31. (New) The computer implemented method for controlling a first component according to Claim 30 further including the step of initializing a value for said second control parameter between said specified maximum and minimum values.

32. (New) The computer implemented method for controlling a first component according to Claim 30 further including the step of initializing a value for said second control parameter

comprises a step of initializing said first measurement parameter utilizing an application program.

33. (New) The computer implemented method for controlling a first component according to Claim 31 further including the step of initializing a value for said second control parameter comprises a step of initializing a value for said second control parameter utilizing an application program.

34. (New) A computer implemented system for controlling a first component, said system comprising:

- means for specifying a maximum value for said first measurement parameter within said computer systems;

- means for specifying a minimum value for said first measurement parameter within said computer systems;

- means for determining a value for said first measurement parameter between said maximum and minimum values;

- means for periodically determining if a current for said first measurement parameter is greater than or less than a previously determined value for said first measurement parameter;

- means for specifying a maximum value for said second control parameter within said computer systems;

- means for specifying a minimum value for said second control parameter within said computer systems;

- means for determining a current value for said second control parameter;

- means for periodically adjusting a current value for said second control parameter in response to variations between a current value for said first measurement parameter and a previously determined value for said first measurement parameter; and

- means for controlling said first component utilizing said adjusted second control parameter.

35. (New) The computer implemented system for controlling a first component according to Claim 34 further including means for initializing a value for said first measurement parameter between said specified maximum and minimum value.

36. (New) The computer implemented system for controlling a first component according to Claim 35 further including means for initializing a value for said second control parameter between said specified maximum and minimum value.

37. (New) The computer implemented system for controlling a first component according to Claim 35 further including means for initializing a value for said first measurement parameter utilizing an application program.

38. (New) The computer implemented system for controlling a first component according to Claim 36 further including means for initializing a value for said second control parameter utilizing an application program.